

LAWRENCE
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	35.69	27	76	Male	20.82	4	NC*
Female	15.64	9	58	Female	18.43	8	43 #-
Total	51.33	36	70 #-	Total	39.25	12	31 ^-
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	12.00	10	83	Male	6.48	3	NC*
Female	11.38	8	70	Female	6.83	3	NC*
Total	23.38	18	77	Total	13.30	6	45 #-
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	2.25	0	NC*	Male	28.52	16	56 #-
Female	228.72	169	74 ^-	Female	28.49	9	32 ^-
Total	230.98	169	73 ^-	Total	57.01	25	44 ^-
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	14.89	19	128	Male	21.76	22	101
				Female	12.28	15	122
				Total	34.04	37	109
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	89.33	94	105	Female	27.59	16	58 #-
Female	101.60	75	74 ~-				
Total	190.93	169	89				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	12.12	11	91	Male	13.04	16	123
Female	5.18	4	NC*	Female	16.33	17	104
Total	17.30	15	87	Total	29.37	33	112
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	6.33	9	142	Male	206.38	240	116 #+
Female	5.24	5	95				
Total	11.57	14	121				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	19.70	9	46 #-	Male	15.23	18	118
Female	13.58	14	103	Female	11.07	20	181 #+
Total	33.28	23	69	Total	26.30	38	144 #+
<u>Larynx</u>				<u>Testis</u>			
Male	11.48	15	131	Male	9.06	5	55

Female	3.53	6	170				
Total	15.01	21	140				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	16.18	14	87	Male	4.27	2	NC*
Female	13.92	10	72	Female	12.30	8	65
Total	30.10	24	80	Total	16.57	10	60
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	6.81	9	132				
Female	3.39	5	147	Female	43.30	41	95
Total	10.20	14	137				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	109.17	119	109	Male	697.01	681	98
Female	93.01	87	94	Female	744.06	608	82 ^-
Total	202.18	206	102	Total	1441.07	1289	89 ^-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels